

QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>09809664</u>	Prepared by <u>ewc</u>	Tracking Number <u>05877645</u>	
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JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
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c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE
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b. Text Continuity	missing data.
c. Holes through Data	Thank you
d. Other Missing Text	ewc
e. Illegible Text	BB 9927067.0
f. Duplicate Text	
g. Brief Description	
h. Sequence Listing	
i. Appendix	
j. Amendments	
k. Other	
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The printed paper transfer sheet 26 holds the pattern that is to be transferred to the fabric 28, including the margin 10 that forms the "optical border" around each mat 2. It is laid up next to the fabric layer 4. The pattern is recorded on the transfer sheet 26 using sublimatic dyes, which are transferred to the fabric layer by the application of heat and pressure during the vulcanisation process. This process is described in more detail in our British patent application No. 9927067.0 (~~publication No.~~), the content of which is incorporated by reference herein.

10 The texture sheet 24 has a surface texture that is impressed into the fabric 28 and the upper face of the backing layer 30 during the vulcanisation process. This creates the surface texture 12 on the upper face 5 of the mat 2, as shown in Figs. 2 and 3. The texture sheet 24 consists, for example, of an embossed metal plate or a sheet of PTFE-coated woven glass fabric.

15 The top release sheet 32 of PTFE-coated woven glass fabric covers the rubber backing sheet 30 to prevent it sticking to the diaphragm 22, and imparts a woven fabric imprint to the rear surface of that sheet.

20 The press is heated to a temperature of about 170°C. The diaphragm 22 is inflated, for example to a pressure of 30 pounds per square inch, pressing the mat against the heated platen 10, typically for a cycle time of 6 minutes.

The heat from the platen 20 softens and cures the rubber 30 and the pressure from the diaphragm 22 presses the sheet of fabric layer 28 into the